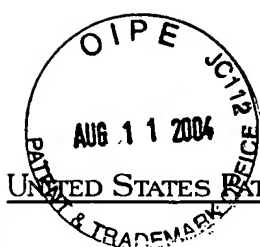


IFW



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/821,235	04/08/2004	Thomas C. Terwilliger	S-100,604

CONFIRMATION NO. 9374

35068
 UNIVERSITY OF CALIFORNIA
 LOS ALAMOS NATIONAL LABORATORY
 P.O. BOX 1663, MS A187
 LOS ALAMOS, NM 87545

FORMALITIES LETTER



OC000000013261746

Date Mailed: 07/19/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The compact disc(s) submitted fail to comply with 37 CFR 1.52(e) in that they contain non-ASCII files. A new duplicate set of compact discs with only ASCII files is required. Any replacement compact disc submitted should be accompanied by a certification as required by 37 CFR 1.52(e) that each disc of a duplicate set is identical to the other disc of the set. If a directory of the disc could be printed, it is attached and non-ASCII files are marked on the directory listing.

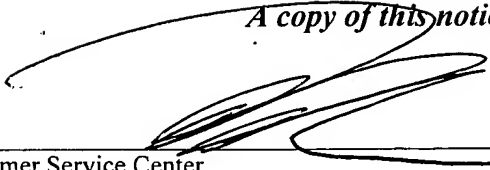
Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid processing delays.

- *This application includes two copies of a compact discs; however they are not labeled "Copy 1" and "Copy 2," respectively (see 37 CFR 1.52(e)(4)).*

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Directory of E:\

program_analyze_tabulat..	71 KB	12/16/03
program_index_setup_f.doc	59 KB	12/16/03
program_tabulate.doc	82 KB	12/16/03
RESOLVE ALLOCATE.doc	43 KB	11/19/03
RESOLVE PATTERN ALLOCAT..	39 KB	11/18/03
RESOLVE-PATTERN.doc	1028 KB	11/19/03
RESOLVE.doc	5935 KB	11/19/03

7 file(s)

Total filesize 7254 KB

0 kilobytes free



Rev. 03/30/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas C. Terwilliger

Docket No.: S-100,604

Serial No.: 10/821,235

Examiner:

Filed : 4/8/2004

Art Unit: 2821

For : STATISTICAL DENSITY MODIFICATION USING LOCAL
PATTERN MATCHING

Mail Stop Missing Parts
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

COMPLETION OF FILING REQUIREMENTS

- I. ☒ The following is a reply to the Notice to File Missing Parts of Nonprovisional Application (PTO-1533) dated 07/19/2004.
- ☒ A copy of the Notice to File Missing Parts of Nonprovisional Application - Filing Date Granted (Form PTO-1533) is enclosed.

DECLARATION OR OATH

- II. ☐ No original declaration or oath was filed and enclosed is the original declaration or oath for this application.
- ☐ The original declaration or oath which was filed was determined to be defective. A new original oath or declaration is attached.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the United States Patent and Trademark Office

Signature

Ray G. Wilson

Date

August 9, 2004

Attached is a

- ☐ Statement by a registered attorney that the application filed in the PTO is the application which the inventor executed by signing the declaration.
- ☐ Statement that the "attached" specification is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.

IDENTIFICATION OF PERSON MAKING STATEMENT

III. I, Ray G. Wilson

(type or print name of declarant signing below)

state the following:

Submitted herewith is/are:

ITEMS BEING SUBMITTED

- A. ☒ A Replacement Compact Disc Transmittal Letter containing a directory of the discs with a new duplicate set of compact discs with only ASCII files, as required by the Notice to File Missing Parts of Nonprovisional Application dated 07/19/2004, are enclosed.
- B. ☒ Because this submission is made in fulfilling the requirement under 37 C.F.R. § 1.52 (e), a statement that each disc of the duplicate set is identical to the other disc of the set.

STATEMENT THAT THE COMPACT DISCS SUBMITTED INCLUDE NO NEW MATTER

IV. I hereby state:

(complete applicable item A and B)

- A. ☒ Each disc of the duplicate set accompanying this submission is identical to the other disc of the set.
- B. ☒ The compact discs accompanying this submission introduce no new matter.

SMALL ENTITY STATUS

- V. ☒ Applicant is entitled to small entity status.
- ☐ Applicant is other than a small entity.

Date:

August 9, 2004

Respectfully submitted,

Ray G. Wilson

Signature of Attorney

Reg. No. 28,351
Phone (505) 665-3112

Ray G. Wilson
Los Alamos National Laboratory
LC/IP, MS A187
Los Alamos, New Mexico 87545



Rev. 06/24/2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas C. Terwilliger

Docket No.: S-100,604

Serial No.: 10/821,235

Examiner:

Filed : 4/8/2004

Art Unit: 2821

For : STATISTICAL DENSITY MODIFICATION USING LOCAL
PATTERN MATCHING

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REPLACEMENT COMPACT DISC
TRANSMITTAL LETTER**

Sir:

Machine format

Dell PC

Operating system

Windows 2000 Professional

Files

File Name	Date Created	File Size
resolve_pattern_2.05.f	July 7, 2003	1,028 KB
resolve_2.05.f	July 7, 2003	5,935 KB
resolve_pattern_allocate_2.05.c	July 7, 2003	38 KB
resolve_allocate-2.05.c	July 7, 2003	43 KB
tabulate.f	July 7, 2003	82 KB
index_setup.f	July 7, 2003	59 KB
analyze_tabulate.f	July 7, 2003	71 KB

In response to the Notice to File Missing Parts of Nonprovisional Application, the replacement compact disc is submitted in duplicate. Copy 1 and Copy 2 are identical, and contain no new matter.

Respectfully submitted,

Date: August 9, 2004

Ray G. Wilson
Signature of Attorney

Reg. No. 28,351
Phone (505) 665-3112

Ray G. Wilson
Los Alamos National Laboratory
LC/IP, MS A187
Los Alamos, New Mexico 87545